

HARIKA B

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EDUCATION

Master of Science in Information Systems (MIS) - Project Management

January 2022 - December 2023

Arizona State University, Tempe, AZ

GPA: 4.0/4.0

Bachelor of Technology in IT

August 2017 - August 2021

Bhoj Reddy Engineering College for Women - Hyderabad, India

GPA: 8.1/10.0

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy), Java, J2EE, C, C++, JavaScript, PHP.

Web Technologies: HTML5, CSS3, Bootstrap, React JS, React Native, XML, Angular.

Web Framework: Spring Boot, NodeJS, SOAP/REST, Apache Spark, Json, Django.

Tools: Amazon Web Services (EC2, ECS, IAM, Amplify, CloudWatch, Lambda, Route53, S3), GCP, Docker, Git.

Databases: SQL (MySQL, PostgreSQL, Oracle, PL/SQL), NoSQL (MongoDB, DynamoDB), Microsoft SQL Server.

Testing Methodology & Operating System: Terraform, Scrum, Linux/Unix Shell, Agile methodologies, Test-driven development.

Coursework: Data Structures and Algorithms, Computer Networks, object-oriented programming, Software development.

PROFESSIONAL EXPERIENCE

Junior Software Engineer

April 2024 - Present

Camp Systems International Inc

Austin, Texas

- Developing Corridor Windows and Aero web applications using C#, C++, and .NET, achieving a 25% increase in speed, 20% boost in user satisfaction, and a 30% reduction in critical bugs.
- Implemented CI/CD pipelines with Azure DevOps and GitHub Actions, reducing deployment time by 30% and improved provisioning speed by 25% and reduced configuration drift by 30% using Terraform and Ansible on Azure.
- Achieved a 60% reduction in startup time and 40% decrease in resource use by containerizing C# and .NET apps with Docker and Kubernetes on Azure and employed ChatGPT to enhance processes and develop innovative solutions.

SDE

August 2021 - December 2021

Dell Technologies

Bangalore, India

- Strengthened technical solutions for 15+ clients, integrating infrastructure, architecture, ITIL, Agile, SaaS, and DevOps.
- Implemented automation solutions within containerized environment, using Prometheus, Kubernetes, and CI/CD pipelines. Integrated seamlessly with AWS Code Pipeline & Jenkins to generate alerts, enhancing system reliability by 25%.
- Coordinated Java and Spring Boot back-end development aligned with business requirements and technology support fostering team collaboration and Maven for streamlined builds.

Software Developer Intern

June 2020 - June 2021

Void Main Technologies

Hyderabad, India

- Deployed an ECommerce website with 100% uptime, utilizing Django, Python, Bootstrap, HTML, CSS, JQuery and JavaScript.
- Optimized Response time by 15% by troubleshooting to optimize web APIs and provide smooth customer experience.

Software Engineer Intern

January 2020 - June 2020

Wstazure Software Solutions

Hyderabad, India

- Augmented system performance by 30% for a health management client through the development and implementation.
- Conducted 20 Jira code submissions on projects utilizing C# and .NET, implemented manual testing and test automation to improve REST API practices, change management and enhanced microservices with version control.

PROJECTS

Social Research Organization Web Application, ASU

April 2023 - May 2023

- Empowered automatic scaling using a launch template, resulting in a 50% reduction in server downtime during peak traffic.
- Enhanced security with SSL/TLS encryption, AWS Security Groups achieved 70% reduction in unauthorized access risk.
- Leveraged AWS EC2, API Gateway, Lambda, DynamoDB, and CloudWatch for integration, monitoring, and deployment.

Student Admission Management System, ASU

March 2022 - April 2022

- Engineered an interactive platform to maintain records of 500,000 users and transactions of admission management.
- Modelled data using Docker, NoSQL, GraphQL and JSON for storing and modifying student data in database.

ToDoMatic, BRECW

September 2020 - November 2020

- Customized a web application to-do app, built with Node.js, React.js, Redux, Express, Git and MongoDB.
- Verified with a responsive design optimized for multi-device compatibility, with a 20% increase in task completion rate.

CERTIFICATIONS

- AWS Cloud Practitioner
- MuleSoft Developer Level 1